Project presentation report:

# Subject:

Develop my knowledge and proficiency in the car mechanics field in English.

# Context:

I am passionate about auto mechanics since my childhood; I learnt how the car’s battery gets recharged before learning the multiplication table. It’s a passion which was transmitted to me from my uncle who has two garages.

Until the age of 20, I used to always read articles and technical sheets about the latest innovation in this field. But since that age, I don’t really follow the news which means that my knowledge is to update.

The reason why it’s important to me to update my knowledge in this field is that it’s a passion. This means that I hope to find a job in an automaker.

The fact that I want to live in Britain in the future and that the British automakers are ones of the best in the world (Jaguar, Mini, Aston Martin etc...) leads me to have my knowledge development and update made in English.

# Expected results:

I can divide my objectives into three points; note that the last point is the addition on the two first points:

* Target 1: To master the basic mechanical “language” in English. That means being able to explain how a car works and knowing the name of every single part that is under the car’s hood.
* Target 2: To update in English my knowledge and learn about the latest innovations. (Especially in all what concerns injection systems technologies, sequential gearboxes technologies and suspension technologies)
* TOP TARGET: To be able to explain or write an article in English explaining how the latest engines, gearboxes or suspension systems work.

I hope that by the end of the semester, I would have reached at least the third point.

# Means:

For target 1:

* Basic websites: Wikipedia mainly to have the explanation in English of how a 4-stroke engine (Cool, I already learnt a word) works, and then learn the name of the different parts in English. There would be no need of any specialised websites or books because what I’m looking for is just the vocabulary. I already understand the biggest part of how a car works.

For target 2:

* First, car’s magazine and websites: This will be just to know what type of injection systems are put in the different ranges of cars; what kind of suspension systems are used in classic luxury cars (Because it always has the best) and what type of gearboxes are put in sport cars.
* Afterwards, specialised websites ( [www.howcarworks.com](http://www.howcarworks.com) ; [www.auto.howstuffworks.com](http://www.auto.howstuffworks.com) ): These websites will help me understand how the technologies I found in the step before work.

For the TOP TARGET:

* Car TV shows: Having the good vocabulary and understanding how the latest car technologies work would normally make me able to explain or write an article about any of these. Still, I think that it wouldn’t be that easy (I hope that I am wrong). I believe that I must watch some of those car TV shows to see how they do explain and try not to imitate them but to learn from them.

# Means of evaluation:

* TARGET 1: TV shows: If I understand all what they say, the half, the quarter or not even a single word.
* TARGET 2: Car magazines: reviewing the list of the technologies used in luxury and sport cars and checking the percentage of them that I know.
* TOP TARGET: Explaining to a person who speaks English very well how a certain injection system works and asking him to explain back in French to check if he understood what I said in English, then if I explained well.

# Personal development:

As I haven’t had my 1AI done in the ENSGSI, I can say that I missed a big step that everyone else did in the personal development. So I believe that the best for me would be to continue on path I was going on the last year.

The principle points I want to work on are:

* First point: The fact that I always want to have everything in my life scheduled and planned. I have some trouble with dealing with uncertainty when in the real life most of the objects that are given to me are vague. I always need very precise objectives to be motivated; otherwise, I feel like I don’t know where I am going so I am not motivated at all.
* For that point, the best would be not to put date on my project GANTT and see how I am going to deal with that, and step after step check if I am not doing the job too quickly (To make sure that by the end of the semester I would have reached the targets), to slowly or correctly what would be the best case.
* Developing my “optimism”: As my MBTI profile is ESTJ, which means that I am a SJ; I always feel more comfortable with working with a well known methods and I am kind of closed minded when it comes for example to use a new method or invest in a innovation project which’s profitability isn’t guaranteed.
* Personally, I don’t know how to resolve this “problem”; this is why I do believe that the best would be to have an appointment or more with Martine Tani or Raphael Bary and discuss about that. There is no doubt about the fact that they’ll give me the good advices.

# GANTT:

As part of my personal development first point, I want to learn how to deal with uncertainty by note putting dates on my GANTT. The schedule you have below shows how the project will go on.

Still, I listed all the tasks I should accomplish during my project:

* Personal dev:
* Taking an appointment with Martin Tani or Rapahel Bary. (In function of their availability)
* Target 1:
* Look for the articles and documents necessary to learn the basic mechanical vocabulary.
* Reading the articles and documents.
* Listing the terms to remember and their translation.
* Verifying the pronunciation of each term.
* Target 2:
* Research into the new injection systems.
* Research into the new suspension systems.
* Research into the new gearboxes

N.B: Each one of these three tasks will be done with second task which is: Listing the terms to remember with their translation and pronunciation checking.

* TOP TARGET:
* Watch some specialised TV shows.
* Watch some specialised videos on internet.
* Making a video of me explaining how works a new suspension system.
* Writing an article about a new suspension system.
* Writing the final project report.

In the case that Mr Mike Rees wouldn’t agree with the fact that there will be no GANTT respected, I made one so that I can have an alternative. You can see the GANTT in the next page.

